

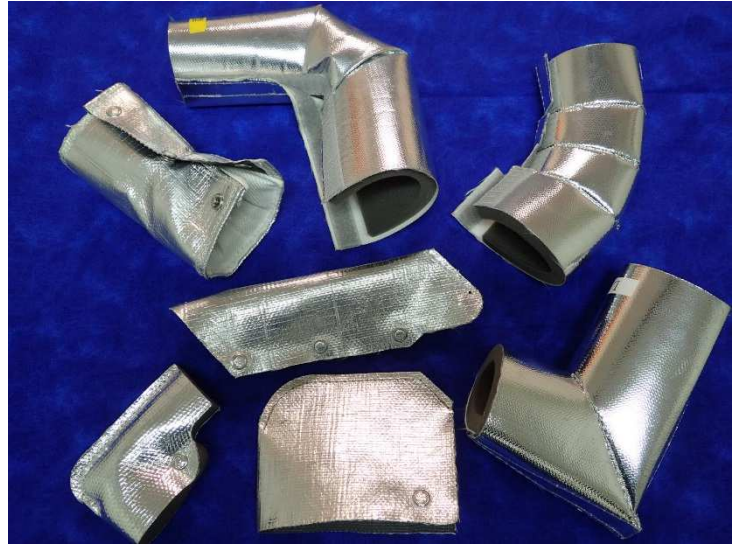
# Hi-temperature Shielding & Insulation

**Unique and superior technology against heat damage!**

**Reflect**

**insulate**

**Retain**



## <Features>

### ■ Heat shield effect around hi-temperature

Outer Al layer can endure Max. 240°C by using heat resistant adhesive.

### ■ Superior heat insulation and heat retention

Combination of adequate materials for your application enables superior performance.

### ■ Varied closing mechanism

Helps efficient assembly, installation, and takeoff.

## <Materials and Specifications>

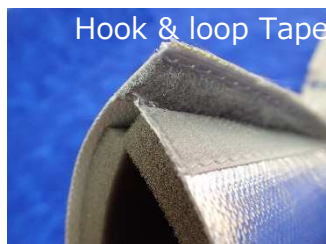
Material name	Heat resistance temperature (Outer layer)	Structure	Thickness
SAM1000	240°C	Al foil + Fiber glass cloth(silicone coating)	0.8mm
HRZ180	180°C	Al metalized PET film + Fiber glass cloth (urethane coating)	0.7mm
HRX180	180°C	Al metalized PET film + Fiber glass cloth (urethane coating)	0.4mm
ISM3025	200°C	Al foil + Fiber glass cloth(urethane coating) + PAN resin	2.5mm
ISM305	200°C	Al foil + Fiber glass cloth(urethane coating) + PAN resin	4.6mm



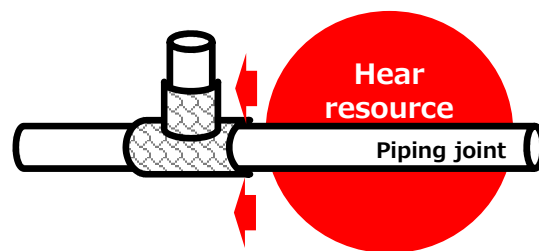
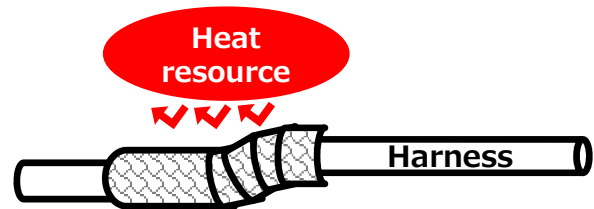
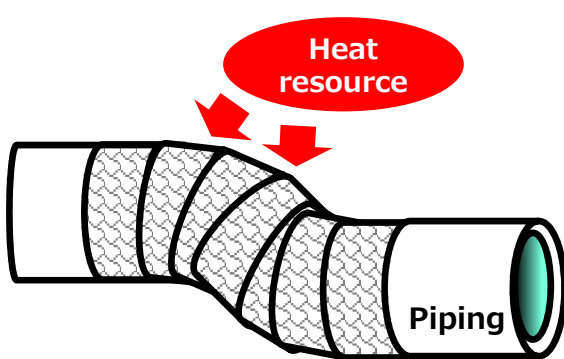
## <Heat resistance comparison ( Under 250°C temperature ) >

ZTJ's product (SAM1000)	Domestic product	Overseas product
		
No deterioration after 1,000 Hr	Breakdown・Peel-off	Surface deterioration

## <Closing Mechanism Technique>



## <Application Example>



Heat reflection  
from heat resource

Thermoprotection  
(Insulation・Retention)

Burn  
prevention

Contact us

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